

Implementation Agent



Organiser



香港創新科技及製造業聯合總會
Hong Kong Federation of Innovative Technologies
and Manufacturing Industries

Funding Organisation



2025 Greater Bay Area Innovation and Technology International Cooperation Forum with Hong Kong Innovation and Technology Award and Showcases

March 17-18, 2025 · Conference Hall, 4/F of HKPC Building and online broadcast

Event Introduction

This Forum is organized by the Hong Kong Federation of Innovative Technologies and Manufacturing Industries (FITMI), sponsored by the Innovation and Technology Fund (ITF) of the Innovation and Technology Commission of the Hong Kong Special Administrative Region Government. The Hong Kong Productivity Council serves as the implementation organization, and has received strong support from 22 local research institutions and trade associations. The forum invites experts from the world to share the latest research results, innovation and applications. It provides opportunities for participants to understand the latest technology trends, expand cooperation networks, and explore business opportunities. We look forward to joining hands with you, in building up a more sustainable future with innovation.

Hong Kong Innovation Technology and Manufacturing Industry Federation (FITMI)

FITMI is committed to building a platform for the innovation technology and manufacturing industry, acting as a bridge between the national, local, overseas industries, and research institutions and universities, promoting multi-party communication and connection. For the governments of both regions, our association strives for a reasonable business environment, promotes government policies to be inclined towards the industry, which is beneficial to the development of the industry, and leads members to continuously improve technology and optimize management skills, implementing environmentally friendly and energy-saving production models. Our association advocates for collaboration between government, business, production, academia, and research, promoting each other and enhancing, with the core purpose of strengthening the industry's strong competitiveness in innovative technology and advanced manufacturing.

Focusing on Innovation, Crossing Boundaries — "Greater Bay Area Innovation and Technology International Cooperation Forum"

- **An international exchange platform to promote cross-border cooperation and technology sharing.**
Bringing together business operators, inventors, researchers, investors from the Greater Bay Area, as well as officials and industrial leaders from various regions to discuss the latest technological trends and market opportunities and strengthen international cooperation.
- **Unleashing the innovation potential of the Greater Bay Area and promoting the commercialization of technological achievements.**
Focusing on the latest innovative technologies in the "14th Five-Year" economic and technological plan, covering areas such as intelligent manufacturing, precision manufacturing, artificial intelligence, new energy, carbon emission reduction, biotechnology, and innovative materials, sharing successful innovation cases to inspire participants to find innovation application ideas.
- **Leading global technological trends and helping enterprises and investors seize market opportunities.**
Accelerating the technological development of the Greater Bay Area, actively promoting technological innovation and industrial upgrading, providing investment opportunities, enabling face-to-face exchanges between enterprises and potential investors, and bringing more opportunities for future economic development.



Sponsoring Organisation



Supporting Organisations (in arbitrary order)



Event Inquiry

Hong Kong Federation of Innovative Technologies and Manufacturing Industries
Hong Kong Productivity Council

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Disclaimer: Any opinions, research results, conclusions, or suggestions expressed in this publication/activity (or by project team members) do not represent the views of the Hong Kong Special Administrative Region Government, the Innovation and Technology Commission, or the General Support Program Review Committee of the Innovation and Technology Fund.

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Innovation and Technology Commission

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March 17, 2025 Event Content	March 18, 2025 Event Content
Grand Opening	Four Special Technology Sessions
Keynote Session	• Smart and Precision Manufacturing and Commercial Space
Summit	• Digitalization and Artificial Intelligence
• International Technology Innovation Strategy Lecture	• New Energy, Carbon Reduction and Low-altitude Economy
• International Technology Innovation Strategy	• Biotechnology and New Materials
• Greater Bay Area Innovation and Technology Cooperation Roundtable	

Welcome to participate in the above forum, please register immediately through the QR code.



Hong Kong Innovation and Invention Award and Showcase

March 17-19, 2025

More than 40 award-winning innovation and invention projects from Hong Kong, will demonstrate their unique features and potential applications at the Showcase. Outstanding projects will be presented HK Innovation and Invention Awards for their achievements. The showcase will help to commercialize those projects and find cooperation partners and investors.



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2025 Greater Bay Area Innovation and Technology International Cooperation Forum

10:00 Grand Opening

10:50 **Keynote Speech**



Speaker: Professor Ni Jun, Chief Manufacturing Officer, Group Senior Vice President, Contemporary Amperex Technology Co., Limited (CATL)

Topic: Smart Manufacturing in Advanced Battery Tech

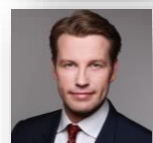
Introduction: Professor Ni Jun is mainly engaged in the research of intelligent manufacturing technology in the field of advanced manufacturing science. He has won the International Science and Technology Cooperation Award of the People's Republic of China, the National First Prize of the Ministry of Education's Higher Education Teaching Achievement Project, the Gold Award of the International Society of Manufacturing Engineers, and other awards. He was named one of the 20 most influential professors in the field of smart manufacturing in the world by the Society of Manufacturing Engineers.



Speaker: Dr. David Schutt, Former president, SAE International

Topic: The 360° Transformation of the Automobile through Digitalization and AI

Introduction: Dr. David Schutt is the former Chief Executive Officer of SAE International. The association is dedicated to advancing the global aerospace and automotive industries. SAE International plays a critical role in setting global industry standards, promoting professional development, and driving technological innovation.



Speaker: Dr. Tony Drescher, Head of Technology Management at Fraunhofer Institute

Topic: From Digital Manufacturing to Smart Manufacturing

Introduction: Dr. Tony Drescher is a renowned leader in the field of Industry 4.0, affiliated with Germany's top Fraunhofer Institute for Production Technology, leading German companies in advancing Industry 4.0.

12:20 Q&A Session

12:40 Lunch (Self-arrangement)

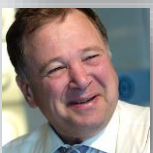
14:30 **Summit: International Technology Innovation Strategy and Lecture**



Speaker: Mr. José Vicente Estruch Bellver, Mayor of Guadazul, Valencia Province, Spain

Topic: Successful experience sharing on green recycling of domestic waste in Valencia Province, Spain, and turning waste into materials

Introduction: Mr. José Vicente Estruch Bellver is the president of the Agricultural Association of Guadazul, Spain President of the Spanish Resource Recycling Association



Speaker: Mr. Eliezer Manor, Founding Director of the Israel Venture Capital Association, President of Shirat Enterprises Ltd

Topic: Using recycled AI to create high-tech innovations

Introduction: Shirat Enterprises Ltd is an Israeli company known for its expertise in technology and innovation. Eliezer Manor's role highlights his significant impact on the industry, making him a key figure in driving innovation and business growth.



Speaker: Mr. Murli M. Iyer, President of Global Advisory Group LLC., Former Global Director of SAE-International

Topic: Skill Development for 21st Century in Mobility Industry

Introduction: Murli M. Iyer is the President of Global Advisory Group LLC, a consulting firm in the United States known for providing strategic advisory services, with a focus on global market expansion, business development, and international collaboration.

16:00 **Greater Bay Area Innovation and Technology Cooperation Roundtable — Government officials in charge of science and technology in the Greater Bay Area**

17:00 End

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09:15 Registration

09:30 - 11:15 Innovation Technology Session: Smart and Precision Manufacturing and Commercial Space



Speaker: Mr Yang Yiqiang, Director of Chairman of China Aerospace Corporation

Topic: Commercial Space Technology in GBA

Introduction: Mr Yang Yiqiang is a renowned expert and leader in the field of aerospace in China. He previously served as the Chief Commander of the Long March 11 rocket at the China Academy of Launch Vehicle Technology, responsible for the development of a series of aerospace vehicles.



Speaker: Dipl.-Ing. Christian Conrad, Chief Business Development Manager, Fraunhofer Institute

Topic: Intelligent sensor and data systems for the non-destructive monitoring of industrial processes and value chains

Introduction: Christian Conrad is a scientist at the Fraunhofer IZFP in Germany, responsible for and managing projects at the Sensor Intelligence Center and focusing on sensor intelligence devices and forming technology.



Speaker: Ir Samson SUEN, General Manager of Smart Manufacturing Division, Hong Kong Productivity Council

Topic: Industrial cases on smart manufacturing and reindustrialization

Introduction: Primarily responsible for supervising consultants, engineers, and technical directors in conducting research and development projects involving advanced technologies and machinery. Mainly leading cross-industry technical teams to develop various new technologies and services, such as new materials, intelligent manufacturing, surface coatings, and advanced machinery.

11:15 - 12:45

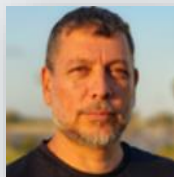
Innovation Technology Session: Digitalization and Low-altitude Economy



Speaker: Dr Jun Shen, Chief Scientist, Beijing UniStrong Science and Technology Corporation Limited

Topic: Beidou Systems and Applications for Intelligent City Infrastructure

Introduction: He is currently the chief scientist of Beijing UniStrong Technology Co., Ltd. Member of China's Second Generation Satellite Navigation Engineering Expert Group and co-chair of the GNSS Application Working Group of the United Nations International Committee on Global Navigation Satellite Systems (ICG). Former Deputy Director of the International Cooperation Center of the China Satellite Navigation System Management Office.



Speaker: Mr. Emil Alon, Founder and President of Resonai, Israel

Topic: Computer vision enterprise platform to transform commercial buildings into intelligent environments for greater operational control, real-time customer insights, and innovative engaging experiences

Introduction: Emil Alon is the founder of the company. Israel's Resonai focuses on using cutting-edge AR and AI technologies to transform physical spaces into intelligent digital environments.



Speaker: Mr Kellen Xie, Senior Vice President of AutoFlight

Topic: eVTOL Changing The World

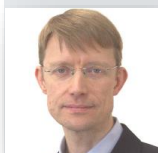
Introduction: Kellen Xie has years of professional communications experience and industry expertise in autonomous UAV. He also held leading position of overseas regional sales director in Huawei, Hytera, a public company and in professional communications.

12:45 - 14:00 Lunch (Self-arrangement)

2025 Greater Bay Area Innovation and Technology International Cooperation Forum

14:00

Special Technology Session: New Energy and Carbon Reduction



Speaker: Mr. Sam Cockerill, CEO of Libertine FPE Limited, UK

Topic: **Linear Generators: A new power generation technology for propulsion and other energy services in the era of energy abundance**

Introduction: Sam Cockerill is the CEO of Libertine FPE, a company renowned for its innovative linear power systems and free-piston technology, and has become a leader in sustainable power generation solutions.



Speaker: Mr. Alberto Carrera, Global Technical Director, Sorain Cecchini Tecno España SL, Spain

Topic: **Domestic waste recycling technology**

Introduction: SCT started to build domestic waste treatment plants in 1944 and currently has about 200 successful cases around the world. It is known as the world's most advanced domestic waste recycling technology. Alberto is the third-generation successor of SCT Technology and the global technical director. He has led the Spanish team in the global field for more than 30 years and is an authority on SCT Technology.



Speaker: Prof. K.C. Ho, BBS, JP, President of The Hong Kong Association for the Advancement of Science & Technology, President of the Hong Kong Academy of Environmental Science

Topic: **The latest trends in ESG and environmental technology development**

Introduction: Pro Ho is currently a director of the National Association for Hong Kong and Macau Studies, vice president of the Hong Kong Professional and Senior Executives Association, a special researcher at the Hong Kong and Macau Research Center of Peking University, a visiting scholar at the Law School of Tsinghua University, etc.



Speaker: Mr Kevin Hull, CEO of Emergent Waste Solutions Corp, Canada

Topic: **Advanced Environmental Technologies in Organic Waste Management**

Introduction: Emergent Waste Solutions Corp is a company dedicated to innovative waste management and sustainable environmental solutions. With extensive experience in leadership and environmental technology, Mr. Kevin Hull has been a central force in driving the company's mission to transform waste into a valuable resource.

15:55

Special Technology Session: Biotechnology and New Materials



Speaker: Academician, Jian LU, Dean of College of Engineering, City University of Hong Kong

Topic: **New Advances in Materials Design and Additive Manufacturing**

Introduction: Professor Lu is a member of the French National Academy of Technology, and has received the French "National Honor", the Knight's Medal of the "National Legion of Honor", and the 12th Guanghua Engineering Technology Award of the Chinese Academy of Engineering.



Speaker: Dr Masataka ODA, Director of Research and Development Department, Lecher Co., Ltd., Japan

Topic: **Self-healing ability and immune vitamins**

Introduction: Dr. Oda is the professor at Kyoto Pharmaceutical University.



Speaker: Dr. Wang Qingchuan, Associate Researcher, Institute of Metal Research, Chinese Academy of Sciences

Topic: **Ultra-High Nitrogen Stainless Steel and Its Applications in Industrial and Medical Fields**

Introduction: Engaged in the research and application of high nitrogen stainless steel and tantalum coatings, and has developed the world's first high nitrogen nickel-free stainless steel cardiovascular stent, which has obtained EU CE certification. Dr. Wang has also pioneered the breakthrough in CVD tantalum coating preparation technology.

17:25

2025 Hong Kong Innovation and Technology Award Ceremony

18:00

End